

Converting Colors

XYZ(32.7376, 31.1263, 40.3745)

Have a look what the booklet for
XYZ(32.7376, 31.1263, 40.3745)
contains.

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Color

**XYZ(32.7342, 31.1110,
40.3561)**

Conversions

Conversions Part 1

Format	Color
Hex	A691A6
RGB	166, 145, 166
RGB Percent	65%, 57%, 65%
CMY	0.3490, 0.4314, 0.3490
CMYK	0.00, 0.13, 0.00, 0.35
HSL	300°, 11%, 61%
HSV	300°, 13%, 65%
XYZ	32.7342, 31.1110, 40.3561
YIQ	153.6730, 5.7750, 10.9830

Conversions

Conversions Part 2

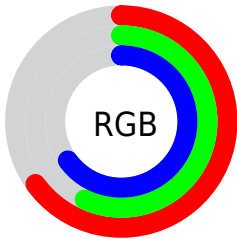
Format	Color
RYB	166, 145, 166
Decimal	10916262
CIELab	62.60, 11.68, -8.14
CIElCh	63, 14.237, 325.107
Yxy	31.1110, 0.3141, 0.2986
Android (android.graphics.Color)	4289106342 (0xFFA691A6)
YUV	153.6730, 6.0772, 10.8108
Hunter-Lab	55.7772, 7.1468, -3.8536

Details

The XYZ color **32.7342, 31.1110, 40.3561** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4253, 35.3373, 32.0069**, and the grayscale version is **30.5452, 32.1359, 34.9960**.

A 20% lighter version of the original color is **63.2934, 61.4395, 76.9297**, and **14.0689, 12.9767, 17.6828** is the 20% darker color. If you saturate the color by 10%, you get **30.3811, 26.4042, 39.5721**, and if you desaturate by 10%, it is **35.4598, 36.5617, 41.2650**.

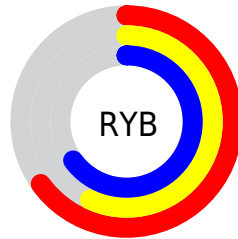
Distribution



Red (65%)

Green (57%)

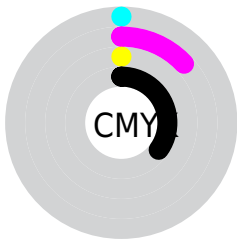
Blue (65%)



Red (65%)

Yellow (57%)

Blue (65%)

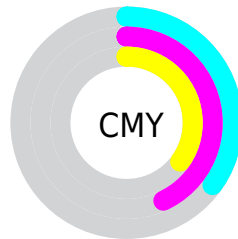


Cyan (0%)

Magenta (13%)

Yellow (0%)

Black (35%)



Cyan (35%)

Magenta (43%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7342, 31.1110, 40.3561 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 32.7342, 31.1110, 40.3561 by changing the saturation by 10% instead.

■ 32.7342, 31.1110,
40.3561

■ 32.7342, 31.1110,
40.3561

306.1365,
307.0494, 363.2188

■ 22.0812, 20.6834,
27.5004

■ 63.3178, 61.4148,
76.9485

■ 14.0335, 12.8928,
17.7136

■ 83.9790, 82.0598,
101.5222

■ 8.2258, 7.3547,
10.5773

108.7071,
106.8793, 130.8391

■ 4.2928, 3.6849,
5.6728

137.8673,
136.2578, 165.3176

■ 1.8691, 1.4989,
2.5816

171.8250,
170.5797, 205.3763

■ 0.5588, 0.2880,
0.8829

210.9455,

■ 0.0000, 0.0000,

210.2293, 251.4337

0.0000

255.5942,
255.5910, 303.9084

■ 32.7342, 31.1110,
40.3561

■ 32.7342, 31.1110,
40.3561

■ 30.3811, 26.4042,
39.5721

■ 35.4598, 36.5617,
41.2650

■ 28.3816, 22.4054,
38.9056

■ 38.5702, 42.7824,
42.3018

■ 26.7197, 19.0815,
38.3516

■ 42.0804, 49.8029,
43.4719

■ 25.3766, 16.3953,
37.9039

■ 46.0040, 57.6501,
44.7798

■ 24.3319, 14.3059,
37.5556

■ 50.3538, 66.3496,
46.2297

■ 23.5629, 12.7680,
37.2993

■ 55.1420, 75.9262,
47.8258

■ 23.0436, 11.7294,
37.1262

■ 58.3691, 82.3803,
48.9015

■ 22.7430, 11.1282,
37.0260

■ 58.3691, 82.3803,
48.9015

■ 22.6091, 10.8603,
36.9813

■ 58.3691, 82.3803,
48.9016

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



31.1801, 31.1110, 44.4906



32.7342, 31.1110, 40.3561



33.4419, 31.1110, 34.7934

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.7342, 31.1110, 40.3561



29.8892, 31.1110, 24.3121



26.3214, 31.1110, 38.6093

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



32.7342, 31.1110, 40.3561



30.4253, 35.3373, 32.0069

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



26.0093, 31.1110, 32.9721



32.7342, 31.1110, 40.3561



28.0164, 31.1110, 25.0978

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



32.7342, 31.1110, 40.3561



31.7542, 31.1110, 25.8509



26.6167, 31.1110, 28.1271



27.4885, 31.1110, 43.4073

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



32.7342, 31.1110, 40.3561



33.3169, 31.1110, 31.1678



26.6167, 31.1110, 28.1271



26.1152, 31.1110, 36.7338

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



32.7351, 31.1123, 40.3568



63.6083, 64.8610, 74.6422



28.6868, 29.0254, 40.1673



14.1496, 14.3452, 16.6753



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



32.7351, 31.1123, 40.3568



58.2228, 54.0899, 72.8470



31.8108, 30.7426, 35.4894



7.8419, 7.6666, 9.4848



17.5320, 8.4215, 28.6769



0.4266, 0.2049, 0.6977

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.7351, 31.1123, 40.3568



58.2228, 54.0899, 72.8470



31.2729, 35.6764, 36.4700



7.8419, 7.6666, 9.4848



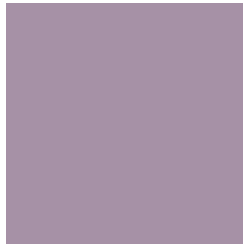
17.5320, 8.4215, 28.6769



0.4266, 0.2049, 0.6977

Previews

White Background



This preview shows how the XYZ color 32.7342, 31.1110, 40.3561 looks on a white background.

Color Contrast Check

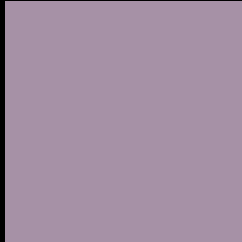
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 32.7342, 31.1110, 40.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 32.7342, 31.1110, 40.3561

Background



This preview shows how black text looks on a background with the XYZ color 32.7342, 31.1110, 40.3561.



This preview shows how white text looks on a background with the XYZ color 32.7342, 31.1110,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

32.7342, 31.1110, 40.3561

Protanopia

30.4622, 31.0668, 41.9271

Deuteranopia

31.8139, 31.0942, 40.4014



Tritanopia

31.9675, 31.0257, 36.6514

Trichromacy



Original Color

32.7342, 31.1110, 40.3561

Protanomaly

31.1754, 30.9755, 41.3815

Deuteranomaly

32.0621, 30.9923, 40.3687

Tritanomaly

32.2290, 31.1303, 38.0283

Monochromacy



Original Color

32.7342, 31.1110, 40.3561

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

31.3387, 31.8709, 36.8477

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7342, 31.1110, 40.3561 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(166, 145, 166)` looks like.

```
.text, #text, p{  
    color:rgb(166, 145, 166)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(166, 145, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 145, 166) }
```

Border

The CSS property to change the border of an element to XYZ 32.7342, 31.1110, 40.3561 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(166, 145, 166) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(166, 145, 166) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(166, 145, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 145, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 145, 166);  
box-shadow:4px 4px 4px 4px rgb(166, 145,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7342, 31.1110, 40.3561 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 145, 166) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(166,  
145, 166) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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